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PRT

Sus sp.

Page 5

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Transgenic myocardial model.ST25.txt
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Rattus norvegicus

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Lys Ile Val Ser Arg Glu Gly Gly Lys Val Thr Ala Glu Thr Glu Asn 50 60

Gly Lys Thr Val Thr Val Lys Glu Asp Gln Val Met Gln Gln Asn Pro 65 70 75 80

Pro Lys Phe Asp Lys Ile Glu Asp Met Ala Met Leu Cys His Thr Phe 85 90 95

Leu His Glu Pro Ala Val Leu Tyr Asn Leu Lys Glu Arg Tyr Ala Ala 100 105 110

Trp Met Ile Tyr Thr Tyr Ser Gly Leu Phe Cys Val Thr Val Asn Pro 115 120 125

Tyr Lys Trp Leu Pro Val Tyr Asn Ala Glu Val Val Ala Ala Tyr Arg 130 135 140

Gly Lys Lys Arg Ser Glu Ala Pro Pro His Ile Phe Ser Ile Ser Asp 145 150 155 160

Asn Ala Tyr Gln Tyr Met Leu Thr Asp Arg Glu Asn Gln Ser Ile Leu 165 170 175

Transgenic myocardial model.ST25.txt

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Transgenic myocardial model.ST25.txt

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Glu Tyr Lys Lys Glu Gly Ile Glu Trp Glu Phe Ile Asp Phe Gly Met 500 510

Asp Leu Gln Ala Cys Ile Asp Leu Ile Glu Lys Pro Met Gly Ile Met 515 520 525

Ser Ile Leu Glu Glu Cys Met Phe Pro Lys Ala Thr Asp Met Thr 530 540

Phe Lys Ala Lys Leu Tyr Asp Asn His Leu Gly Lys Ser Asn Asn Phe 545 550 560

Gln Lys Pro Arg Asn Val Lys Gly Lys Gln Glu Ala His Phe Ser Leu 565 570 575

Val His Tyr Ala Gly Thr Val Asp Tyr Asn Ile Leu Gly Trp Leu Glu 580 585 590

Lys Asn Lys Asp Pro Leu Asn Glu Thr Val Val Gly Leu Tyr Gln Lys 595 600 605

Ser Ser Leu Lys Leu Met Ala Thr Leu Phe Ser Thr Tyr Ala Ser Ala 610 620

Asp Thr Gly Asp Ser Gly Lys Gly Lys Gly Lys Lys Lys Gly Ser 625 635 640

Ser Phe Gln Thr Val Ser Ala Leu His Arg Glu Asn Leu Asn Lys Leu 645 650 655

Met Thr Asn Leu Arg Thr Thr His Pro His Phe Val Arg Cys Ile Ile 660 665 670

Pro Asn Glu Arg Lys Ala Pro Gly Val Met Asp Asn Pro Leu Val Met 675 680 685
Page 10

His Gln Leu Arg Cys Asn Gly Val Leu Glu Gly Ile Arg Ile Cys Arg 690 695 700

Lys Gly Phe Pro Asn Arg Ile Leu Tyr Gly Asp Phe Arg Gln Arg Tyr 705 710 715 720

Arg Ile Leu Asn Pro Ala Ala Ile Pro Glu Gly Gln Phe Ile Asp Ser 725 730 735

Gly Lys Gly Ala Glu Lys Leu Leu Gly Ser Leu Asp Ile Asp His Asn 740 745 750

Gln Tyr Lys Phe Gly His Thr Lys Val Phe Phe Lys Ala Gly Leu Leu 755 760 765

Gly Leu Leu Glu Glu Met Arg Asp Glu Arg Leu Ser Arg Ile Thr Arg 770 775 780

Ile Gln Ala Gln Ala Arg Gly Gln Leu Met Arg Ile Glu Phe Lys Lys 785 790 795 800

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Asn Gly Lys Thr Val Thr Val Lys Glu Asp Gln Val Met Gln Gln Asn 65 70 75 80 Page 11

Pro Pro Lys Phe Asp Lys Ile Glu Asp Met Ala Met Leu Cys His Thr 85 90 95

Phe Leu His Glu Pro Ala Val Leu Tyr Asn Leu Lys Glu Arg Tyr Ala 100 105 110

Ala Trp Met Ile Tyr Thr Tyr Ser Gly Leu Phe Cys Val Thr Val Asn 115 120 125

Pro Tyr Lys Trp Leu Pro Val Tyr Asn Ala Glu Val Val Ala Ala Tyr 130 135 140

Arg Gly Lys Lys Arg Ser Glu Ala Pro Pro His Ile Phe Ser Ile Ser 145 150 155 160

Asp Asn Ala Tyr Gln Tyr Met Leu Thr Asp Arg Glu Asn Gln Ser Ile 165 170 175

Leu Ile Thr Gly Glu Ser Gly Ala Gly Lys Thr Val Asn Thr Lys Arg 180 185 190

Val Ile Gln Tyr Phe Ala Ser Ile Ala Ala Ile Gly Asp Arg Ser Lys 195 200 205

Lys Asp Asn Pro Asn Lys Gly Thr Leu Glu Asp Gln Ile Ile Gln Ala 210 220

Asn Pro Ala Leu Glu Ala Phe Gly Asn Ala Lys Thr Val Arg Asn Asp 225 230 235 240

Asn Ser Ser Arg Phe Gly Lys Phe Ile Arg Ile His Phe Gly Ala Thr 245 250 255

Gly Lys Leu Ala Ser Ala Asp Ile Glu Thr Glu Lys Ser Arg Val Ile 260 265 270

Phe Gln Leu Lys Ala Glu Arg Asn Tyr His Ile Phe Tyr Gln Ile Leu 275 280 285

Ser Asn Lys Lys Pro Glu Leu Leu Asp Met Leu Leu Val Thr Asn Asn 290 295 300

Pro Tyr Asp Tyr Ala Phe Val Ser Gln Gly Glu Val Ser Val Ala Ser 305 310 315 320

Ile Asp Asp Ser Glu Glu Leu Leu Ala Thr Asp Ser Ala Phe Asp Val Page 12 Leu Ser Phe Thr Ala Glu Glu Lys Ala Gly Val Tyr Lys Leu Thr Gly 340 345 350

Ala Ile Met His Tyr Gly Asn Met Lys Phe Lys Gln Lys Gln Arg Glu 355 360 365

Glu Gln Ala Glu Pro Asp Gly Thr Glu Asp Ala Asp Lys Ser Ala Tyr 370 375 380

Leu Met Gly Leu Asn Ser Ala Asp Leu Leu Lys Gly Leu Cys His Pro 385 390 395 400

Arg Val Lys Val Gly Asn Glu Tyr Val Thr Lys Gly Gln Ser Val Gln
405 410 415

Gln Val Tyr Tyr Ser Ile Gly Ala Leu Ala Lys Ser Val Tyr Glu Lys 420 425 430

Met Phe Asn Trp Met Val Thr Arg Ile Asn Ala Thr Leu Glu Thr Lys 435 440 445

Gln Pro Arg Gln Tyr Phe Ile Gly Val Leu Asp Ile Ala Gly Phe Glu 450 455 460

Ile Phe Asp Phe Asn Ser Phe Glu Gln Leu Cys Ile Asn Phe Thr Asn 465 470 475 480

Glu Lys Leu Gln Gln Phe Phe Asn His His Met Phe Val Leu Glu Gln 485 490 495

Glu Glu Tyr Lys Lys Glu Gly Ile Glu Trp Glu Phe Ile Asp Phe Gly 500 505

Met Asp Leu Gln Ala Cys Ile Asp Leu Ile Glu Lys Pro Met Gly Ile 515 520 525

Met Ser Ile Leu Glu Glu Cys Met Phe Pro Lys Ala Thr Asp Met 530 540

Thr Phe Lys Ala Lys Leu Tyr Asp Asn His Leu Gly Lys Ser Asn Asn 545 550 555 560

Phe Gln Lys Pro Arg Asn Val Lys Gly Lys Gln Glu Ala His Phe Ser 565 570 575

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